

ABSTRACT OF THE DISCLOSURE

The present invention relates to the field of the production of smoke for agro-food usage and has for its object a process characterized in that it comprises essentially the steps consisting in introducing organic material to be pyrolyzed into a reactor comprising essentially a substantially hermetically sealed heatable chamber containing at least one rotatable endless screw heated by the Joule effect receiving said material, heating said organic material to a temperature comprised between 200°C and 800°C, preferably between 300°C and 400°C, so as to cause the pyrolysis during its movement, under the influence of the rotation of said at least one screw and to extract the consumed material and the smoke products from said chamber.